

5²

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/525,278
Source: PCT
Date Processed by STIC: 1-24-06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/24/2006

PATENT APPLICATION: US/10/525,278

TIME: 10:30:48

Input Set : A:\13000015.APP

Output Set: N:\CRF4\01052006\J525278.raw

```

3 <110> APPLICANT: SCHWERS, STEPHAN
4     KALLABIS, HARALD
5     STROPP, UDO
7 <120> TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS SENSITIVELY PREDICTING
8     ADVERSE DRUG REACTIONS (ADR) AND DRUG EFFICACY
10 <130> FILE REFERENCE: 1300-0015
12 <140> CURRENT APPLICATION NUMBER: 10/525,278
13 <141> CURRENT FILING DATE: 2005-02-17
15 <150> PRIOR APPLICATION NUMBER: PCT/EP03/009126
16 <151> PRIOR FILING DATE: 2003-08-18
18 <150> PRIOR APPLICATION NUMBER: EP 02018158.2
19 <151> PRIOR FILING DATE: 2002-08-19
21 <160> NUMBER OF SEQ ID NOS: 761
23 <170> SOFTWARE: PatentIn version 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 34
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
32     oligonucleotide
34 <400> SEQUENCE: 1
35 gggacggtcg gtagattcta gaattgtgct tccc                                34
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 19
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
45     oligonucleotide
47 <400> SEQUENCE: 2
48 tgtccagtgt taggaaaaa                                                19
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 37
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
58     oligonucleotide
60 <400> SEQUENCE: 3
61 gacgatgcct tcagcacaga tgtggcttct gatatag                            37
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 34

```

RAW SEQUENCE LISTING

DATE: 01/24/2006

PATENT APPLICATION: US/10/525,278

TIME: 10:30:48

Input Set : A:\13000015.APP

Output Set: N:\CRF4\01052006\J525278.raw

```

66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
71     oligonucleotide
73 <400> SEQUENCE: 4
74 gctggctcgg tcaagatcta gaattgtgct tcct                34
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 34
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
84     oligonucleotide
86 <400> SEQUENCE: 5
87 gggacggtcg gtagatcatc ggtcagtgtc ccca                34
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 20
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
97     oligonucleotide
99 <400> SEQUENCE: 6
100 gatgtctgtc tccttgatgt                                20
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 36
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110     oligonucleotide
112 <400> SEQUENCE: 7
113 gacgatgcct tcagcacaat gtggggggttt tatattt          36
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 34
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
123     oligonucleotide
125 <400> SEQUENCE: 8
126 gctggctcgg tcaagacatc ggtcagtgtc cccg                34
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 34
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

```

RAW SEQUENCE LISTING

DATE: 01/24/2006

PATENT APPLICATION: US/10/525,278

TIME: 10:30:48

Input Set : A:\13000015.APP

Output Set: N:\CRF4\01052006\J525278.raw

```

136     oligonucleotide
138 <400> SEQUENCE: 9
139 gggacggtcg gtagattatt ttataatgca aaag          34
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 37
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
149     oligonucleotide
151 <400> SEQUENCE: 10
152 gacgatgcct tcagcacagt gaattgccag attagtg      37
155 <210> SEQ ID NO: 11
156 <211> LENGTH: 18
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
162     oligonucleotide
164 <400> SEQUENCE: 11
165 tctaaagtgc tgggattg                          18
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 34
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
175     oligonucleotide
177 <400> SEQUENCE: 12
178 gctggctcgg tcaagatatt ttataatgca aaac        34
181 <210> SEQ ID NO: 13
182 <211> LENGTH: 34
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
188     oligonucleotide
190 <400> SEQUENCE: 13
191 gggacggtcg gtagataagg tctttgtacg tgta        34
194 <210> SEQ ID NO: 14
195 <211> LENGTH: 19
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
201     oligonucleotide
203 <400> SEQUENCE: 14
204 ccaggtactg ccttacaaa                          19
207 <210> SEQ ID NO: 15

```

RAW SEQUENCE LISTING

DATE: 01/24/2006

PATENT APPLICATION: US/10/525,278

TIME: 10:30:48

Input Set : A:\13000015.APP

Output Set: N:\CRF4\01052006\J525278.raw

```

208 <211> LENGTH: 38
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
214     oligonucleotide
216 <400> SEQUENCE: 15
217 gacgatgcct tcagcacagc tcccaaaata aatcactc          38
220 <210> SEQ ID NO: 16
221 <211> LENGTH: 34
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
227     oligonucleotide
229 <400> SEQUENCE: 16
230 gctggctcgg tcaagaaagg tctttgtacg tgtg          34
233 <210> SEQ ID NO: 17
234 <211> LENGTH: 34
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240     oligonucleotide
242 <400> SEQUENCE: 17
243 gggacggtcg gtagattgga gtcgggggag tcat          34
246 <210> SEQ ID NO: 18
247 <211> LENGTH: 36
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
253     oligonucleotide
255 <400> SEQUENCE: 18
256 gacgatgcct tcagcacata gttcaagggt aaagga          36
259 <210> SEQ ID NO: 19
260 <211> LENGTH: 18
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
266     oligonucleotide
268 <400> SEQUENCE: 19
269 gaggacgaga tgtaagag          18
272 <210> SEQ ID NO: 20
273 <211> LENGTH: 34
274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 01/24/2006

PATENT APPLICATION: US/10/525,278

TIME: 10:30:48

Input Set : A:\13000015.APP

Output Set: N:\CRF4\01052006\J525278.raw

```

278 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
279     oligonucleotide
281 <400> SEQUENCE: 20
282 gctggctcgg tcaagatgga gtcgggggag tcac
285 <210> SEQ ID NO: 21
286 <211> LENGTH: 34
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
292     oligonucleotide
294 <400> SEQUENCE: 21
295 gggacggtcg gtagatcagc gcatcctgaa ccac
298 <210> SEQ ID NO: 22
299 <211> LENGTH: 19
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
305     oligonucleotide
307 <400> SEQUENCE: 22
308 gctggaacga gttcatcct
311 <210> SEQ ID NO: 23
312 <211> LENGTH: 36
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
318     oligonucleotide
320 <400> SEQUENCE: 23
321 gacgatgcct tcagcacagg accccacctt tcttgt
324 <210> SEQ ID NO: 24
325 <211> LENGTH: 34
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
331     oligonucleotide
333 <400> SEQUENCE: 24
334 gctggctcgg tcaagacagc gcatcctgaa ccat
337 <210> SEQ ID NO: 25
338 <211> LENGTH: 34
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
344     oligonucleotide
346 <400> SEQUENCE: 25
347 gggacggtcg gtagattcct gctcttttct ctag

```

VERIFICATION SUMMARY

DATE: 01/24/2006

PATENT APPLICATION: US/10/525,278

TIME: 10:30:49

Input Set : A:\13000015.APP

Output Set: N:\CRF4\01052006\J525278.raw